

Message Text

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PAGE 01 BERN 01446 301147Z
ACTION FAA-00

INFO OCT-01 EUR-12 ISO-00 DOTE-00 EB-08 /021 W
-----038496 310001Z /70

R 301100Z MAR 78
FM AMEMBASSY BERN
TO SECSTATE WASHDC 6005
INFO AMEMBASSY BRUSSELS
AMEMBASSY LONDON

UNCLAS BERN 1446

FAA WASHDC FOR ARD-700 AND AIA-1

E.O. 11652: N/A
TAGS: EAIR, SZ
SUBJECT: MICROWAVE LANDING SYSTEM DEMONSTRATIONS

REF: FAA TELEGRAM MAR 22, 1978 (P 221630Z MAR 78)

1. EMBOFF MAR 29 DISCUSSED UK DMLS DEMONSTRATION WITH BERN/BELP AIRPORT SERVICES MGR PEDOTI WHO WAS ABLE TO PROVIDE FOLLOWING LIMITED INFO ON UK TESTS CONDUCTED AFTER DEC 6, 1977 OFFICIAL PRESENTATION TO SWISS.

2. PEDOTI SAID UK DEMONSTRATION TEAM HAD ENCOUNTERED INTERFERENCE FROM AIRPORT HIGH INTENSITY LANDING LIGHTS LOCATED IN AZ ANTENNA COVERAGE ZONE, WHICH REFLECTED DIRECTLY INTO DMLS TRANSMITTER AND PRODUCED OPTICAL REFLECTION. SAID UK TEAM REQUESTED SWISS HELP IN OBTAINING CHICKEN WIRE-TYPE FENCING SCREEN THAT WAS OF FINE GAUGE, NEARLY THAT USED FOR INSECT SCREENS BUT WITH LARGE HEXAGONAL OPENINGS. SAID WIRE WAS VERY FINE, ABOUT 0.5 TO 0.7 MM THICK; SIDE LENGTH OF EACH ELEMENT OF HEXAGONAL SCREEN OPENING WAS ABOUT 15 MM.
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HOWEVER, PEDOTI COULD NOT SAY HOW UK PEOPLE PLACED SCREEN IN RELATION TO ANTENNA OR TRANSMITTER.

3. PEDOTI ADDED THAT BERN/BELP AIRPORT DIRECTOR (PEDOTI'S SUPERIOR) HAS RECEIVED PERSONAL COPY FROM UK OF BERN TEST RESULTS. HOWEVER, DIRECTOR IS ON LEAVE UNTIL APR 3. EMBOFF WILL FOLLOW UP TO SEE

WHETHER ADDITIONAL INFO CAN BE OBTAINED.

4. PETER GASSER OF FED AVIATION OFFICE TOLD EMBOFF
MAR 29 THAT FAO PEOPLE WERE INFORMED IN GENERAL WAY
OF DIFFICULTIES UK TEAM WAS HAVING WITH AZ ANTENNA
BUT SWISS HAD NOT TAKEN SPECIAL NOTE OF WHAT WAS
BEING DONE IN WAY OF SCREENING TO IMPROVE PERFORMANCE.
GASSER SAID FAO JUST RECEIVED REPORT ON RESULTS OF
BERN DEMONSTRATION BUT DID NOT OFFER TO MAKE RESULTS
AVAILABLE TO EMBASSY; RATHER HE SUGGESTED WE CALL
PEDOTI FOR INFO ON TESTS. BERN AIRPORT IS OPERATED
AS PRIVATE CONCESSION.

5. COMMENT: IT APPEARS THAT UK HAS ISSUED REPORT
ON BERN TESTS AND IT MIGHT BE AVAILABLE FROM ICAO
OR DIRECTLY FROM UK.
WARNER

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NAVIGATIONAL AIDS, MICROWAVE EQUIPMENT
Control Number: n/a
Copy: SINGLE
Draft Date: 30 mar 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978BERN01446
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780139-0222
Format: TEL
From: BERN
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780310/aaaaaigk.tel
Line Count: 79
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 31ff80b7-c288-dd11-92da-001cc4696bcc
Office: ACTION FAA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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Previous Channel Indicators: n/a
Previous Classification: n/a
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Retention: 0
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Review Content Flags:
Review Date: 29 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3099499
Secure: OPEN
Status: NATIVE
Subject: MICROWAVE LANDING SYSTEM DEMONSTRATIONS
TAGS: EAIR, SZ, UK
To: STATE
Type: TE
vdkgvwkey: odhc://SAS/SAS.dbo.SAS_Docs/31ff80b7-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
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